

Jazz group will record here

U. S. aid to Guatemala to keep country stable, says Silvert

With continued financial and technological aid from the United States, the government of Guatemala under President Castillo Armas will probably turn out to be stable. Such is the opinion of Dr. K. H. Silvert, a member of the American Universities Field Staff just concluding a visit to Caltech. Dr. Silvert has been making field studies in Latin America since 1940, and he has been in residence in Guatemala from 1951 to 1953, and also during the summer of 1955.

According to Dr. Silvert, June 6 of 1944 was a turning point in Guatemalan internal affairs, for on that day the dictator who had been in power for fourteen years was deposed, and a nineteenth century-style liberal regime under Juan Jose Arevalo came into power. For the first time in almost a decade and one-half, as a result of the revolution, there was no censorship on newspapers, and books could be imported without a permit.

However, as Dr. Silvert related it, the pendulum which had been at the far right now swung to the far left, and in 1948, the influence of some home-grown Communists began to be felt; Arbenz, the recently deposed Communist head of the Guatemalan state, seized the reins of government by means of an assassination and a coup. At that time Arbenz was not an avowed Communist, but with the growth of that party's strength, he tended more and more to follow the party line. The Communists reached the peak of their power in 1951 when they registered as a political party with 2600 members.

(Continued on page 5)

International aspect of smog to be discussed

Dr. Fritz Went, head of Caltech's Earhart Plant Research Laboratory, will deliver this week's Friday Evening Demonstration Lecture at 7:30 in 201 Bridge, on the subject "Air Pollution and Smog—a World-Wide Problem."

Dr. Went will illustrate his talk with slides showing air pollution in other parts of the world, and offering evidence that smog, as we know it in this area, exists also, in some degree, in almost all large cities throughout the world. "For this reason," said Dr. Went, "the work in research being done here is doubly important for it is helpful not only here, but everywhere."

The Earhart Laboratory was designed for studies of the effect of climate on plant growth. Most complete of its kind, the laboratory offers 46 different conditions of temperature, light and humidity and has special equipment for studying the effects of rain, wind and different gases.

A native of the Netherlands, Professor Went received his doctor's degree from the University of Utrecht. He spent several years in Java as botanist at the famous Botanical Gardens before coming to Caltech in 1933.

House song fest scheduled for mid-February

The Caltech Glee Club has begun planning this year's Interhouse Sing. The date for the event is indefinite as yet, but it will fall about the middle of February, as it did last year. This year there is a three-week limit on practice. The houses should not begin work on their numbers until three weeks before the date set for the sing.

This year the one group song will be the "Alma Mater." The contest song, "Rock of My Soul," has been arranged in five parts by Olaf Frodsham, Glee Club Director. In addition to these numbers, the houses may sing any other song they choose.

The trophy awarded to the best house in the sing is now held by Ricketts. This trophy, one of the newest on the campus, was first available for competition year before last.



Dr. K. H. Silvert

Grads, undergrads offered grants for summer study

Fellowships at the University of Ceylon and the Free University of Berlin, scholarships for summer study in Austria and England, study awards for artists, musicians, and active labor union members are described in a 20-page booklet, "Foreign Study Grants, 1956-57," published by the Institute of International Education, 1 East 67th Street, New York City.

The summer program in English universities will be offered at Oxford, Stratford-on-Avon, and at London and Edinburgh. Courses are planned to serve the need of postgraduate students, but highly qualified undergraduates in either their junior or senior year will be accepted.

More detailed information on these grants is available from the Institute in New York or from its regional offices in Chicago, Denver, Houston, Los Angeles, San Francisco and Washington.

Earliest deadline for applications is January 15 for the two awards at the University of Ceylon and for one award for advanced study in Brazil. February 1 is the closing date for the French Government awards and for the art and music fellowships offered by the Woolley Foundation. Closing dates of other competitions are in February, March, April and May.

General eligibility requirements for the fellowships and scholarships, designed mainly for graduate students, are U.S. citizenship; proof of good academic record and capacity for in-

Student Shop again opens membership

The Caltech Student Shop is again accepting new members. Those interested in joining the student shop are asked to contact Walt Peterson, Dabney 42, or Charles Mosher, Blacker 57, for application forms. Deadline for submitting applications is 11 a.m. Thursday, January 19.

Bud Shank Quintet will play in Culbertson next Thursday

On Thursday, January 19, a jazz concert featuring the Bud Shank Quintet will be held in Culbertson Hall from 11:00 a.m. to 12:30 p.m. Admission is free.

Pacific Jazz Company will have its recording equipment at the concert. Richard Bock, president of the company, has stated that he will subsequently release the recordings made, and will give prominent mention to Caltech.

Tech expands parking space with new lots

The Tournament Park parking lot is to be expanded by 200 non-reserved spaces, it was announced recently. 100 spaces are to be added on each side of the baseball bleachers in TP. The decision to expand the lot was made in December by the Board of Trustees. The Department of Buildings and Grounds is now drawing up plans for the additional lots and construction will begin this spring.

The new 100-space lot, west of the present lot and north of the left field foul line, will be connected by a two-way driveway to the older lot. To reach this lot, a car must enter the original lot from California Street and from there go into the additional lot. The second 100-space lot, south of the bleachers will have an entrance and exit on Wilson.

The present lot is frequently filled before all cars seeking a space are parked. It is hoped that this addition will alleviate the parking problem.

The law prohibiting parking on California Street after 4:00 p.m. creates a parking problem for those who must commute daily.

Bud Shank, in 1954, was picked by "Downbeat" Magazine as the "New Star Alto Winner", and by "Metronome Magazine" as the "Arrival of the Year." Bud records exclusively for Pacific Jazz.

Appearing with Shank, who plays alto sax and flute, are Bob Cooper, oboe and tenor sax; Claude Williamson, piano; Don Prell, bass; Chuck Flores, drums.

For three of the players, Shank, Williamson, and Cooper, this is not the first trip to play at Caltech. These men appeared here with the Lighthouse All-stars last spring.

Shank and Cooper had been with Stan Kenton previous to playing with the Lighthouse All-Stars. Williamson has recorded for Capital Records. Chuck Flores was previously with Woody Herman's band. Don Prell is a relative newcomer to the local jazz scene.

The Quintet will play several original numbers at this concert. Most of the original material for the group was written by Cooper.

Dates announced for Economy Run

In response to numerous student inquiries, the mechanical engineering department has announced that the Mobilgas Economy Run will fall this year during spring vacation week, on March 19-24. Further announcements and sign-ups will come later this term.

Tech delegates to become Turkish diplomats for Model UN at Oregon State next term

A delegation of Caltech men will appear as neophyte Turkish diplomats this coming April 4-7 at the Model United Nations at Corvallis, Oregon. The most likely young Turks will be selected by the ASCIT Board of Directors next Monday evening.

Caltech, which represented the Ukrainian SSR last year at San Francisco, was assigned Turkey by the host school, Oregon State, from a list of requests.

Since the conference will last four days, delegates will be absent from Tech a little less than a week during the second week of the third term. Financial assistance from the Institute and from ASCIT will be available, although some funds must be furnished by participants. Plans call for transportation by rail and lodging in OSC fraternity houses.

The Model United Nations, now in its sixth year, is held on the Pacific Coast each spring.

From 70 to 100 West Coast colleges participate, each representing a country of the United Nations—or, in some cases, non-members, like East and West Germany. These 500 students debate in groups such as the model UNESCO, the model Security Council, and the Model Political and Security Committee. The final meetings are those of the General Assembly. A banquet the last evening concludes the program.

In the committee debates, Caltech delegates will attempt to follow Turkish policy. As the leader of the MEATO pact nations, Turkey should be in an influential position in the Arab and west-Asian blocs. She is especially interesting as a country recently westernized but now carrying on capitalism with difficulty. As an anti-communist nation bordering on Russia and near the Near East battlegrounds, Turkey is now in the hottest area of the world.

A primary concern in Turkey's foreign policy is the Cyprus situation, where she has opposed Greek demands for independence from Britain. Although Britain has blocked this issue from discussion in the United Nations, it is on the agenda at Corvallis, and Techmen will prepare for a defense of the Turks on Cyprus.

In preparation for these oratorical battles, the Turkish delegation will meet occasionally to study the current problems, Turkish policy, and procedures in the Model UN. At least one of these meetings will be held with Richard Robinson, AFUS representative recently returned from Turkey.

Students interested in participating should contact delegation chairman Tom Bergeman or assistant chairman Dick Kirk this week, and plan to attend the Board of Directors' meeting next Monday at 7:30 p.m. in the Board room in lower Fleming.

LITTLE MAN ON CAMPUS

by Dick Bibler



Campus Brewins

Ricketts enjoyed a dandy exchange last Friday night. It was all very exciting with the new rules and all; I mean it really was. There are some guys who just never play cricket with their fellow men—like John Lansingh who asked a girl home at 9:58. If you ever do that again, John, I'm going to tell SWED-LOW (I guess that will scare him!) And then there are some guys who try to proposition dollyes who push Winstons. After five minutes of BS, they come up with the clincher—"Come, babe, let's go for a short ride and a small beer," only to be put down with "well if you'd said a long drive and a big beer I would have been interested." And she walked away!

they might run into. (Actually, they heard that there was a 25-year-old house mother who was really a babe, and she would really go for older men—but when they got there they found the cupboard bare—no bone.)

would give in to an illogical woman. We won't mention any names incriminating anyone except to say that the weak-livered, jelly-boned guy who gave in is a dignitary in the Fleming Church and gets too many phone calls from a girl named Mousey and his nickname is Spider.

Truthfully, there were so many boys at the house that the girls were thinking of farming them out to surrounding sororities. Youthful Organizer Warren Furumoto saved the evening by devising a rationing system whereby each boy could dance with a girl for a certain number of minutes. Dick Herlein messed up the count because his time was different than other people's. He danced with one girl for two micro-Herleins (A unit of time) and the dance was half over.

Note: Bob Norton got a standing ovation when he came into the basketball game Saturday night with his date.

Don't Give Up the Slip

While enjoying the local skating rink, Darb Stocking made the best save of his career. Don and a girl headed for the same spot on the rail at the same time. Instantaneously after the inevitable collision, Socks attempted to catch the young maiden as she fell. "I either had to hang on to her there or let her fall! Besides, the ice was wet."

Honey Dew Drop Inn

If you were taking a girl to the Chef's Inn, and there was one Chef's Inn eight blocks from her house, and there was another many, many miles away in La Canada, and she wanted to go to the one in La Canada, what would you do? Remember, there's the same food, the same Inn, even the same Chef, right close! But not the same girl, she says. No red blooded Techman

The Huttenback fiesta (or was it fiasco?) proved exciting for Pete Hoag who early in the evening staked out his claim on a damsel. Yet, when the party closed, the Hoag left, muttering, "I still think she would in spite of the engagement ring!"

Would what, Pete?

Vice President's message

The editors of the California Tech last week urged that all of us be a little more careful to govern our actions by what they termed "the unwritten honor code." I would like to second this suggestion, and give you a few statistics from the records of the Board of Control which are highly revealing.

It is essential that the student body be informed of the functions of the Board of Control, yet it is equally essential that individuals involved in violations of the Honor System be protected. As a result, meetings of the Board of Control are held in secret, and students naturally ask if the Board of Control ever meets.

Ninety-two cases in 26 years

During the past 26 years (1930-1955), the Board of Control has recommended corrective action in the case of 92 individuals, an average of three to four per year. Sixty-one of these cases have dealt with cheating on exams; 24 with copying papers, themes, lab reports, and homework (plagiarism); and four with theft. Many hours have been spent per case; recommendations have been well thought out, and often severe. Plagiarism has been the most serious problem in recent years.

These figures clearly indicate that the Board of Control functions. We have an operational Honor System. They also show that some of us have chosen to take advantage of the freedom which the Honor System affords. If each and every one of us would make an effort to be informed and then put personal honor first, no enforcement machinery would be necessary, no violations would occur, and the Board of Control would be out of a job. This is our goal.

I would urge, then, that every member of the student body become more aware, consciously and subconsciously, of the responsibility which is his. The Honor System has worked well in the past—we can make it work better in the future.

Howard Berg
ASCIT Vice President

Secretary's Report

A number of important dates were set at the last ASCIT Board of Directors meeting. The Charities Drive this year will be February 13 to 17. As last year, undergraduates and graduates not contributing to AID will be solicited for a number of charities. Student Body Elections will be March 1, with nominations February 16. All ASCIT offices, including those of the Board of Directors and publications editors are elected at this time. Present officeholders will be willing to discuss their work with anyone interested in running. Those without experience in campus politics are especially urged to consider the opportunities.

Bulletin board finally coming

After several years of proposals and counter-proposals by Buildings and Grounds and the ASCIT Board, a campus bulletin board will soon be constructed by B and G. It will have two halves of four large panels each, located on both sides of the walk running by the campus cafeteria. Campus organizations will be given space on it for their announcements.

Tom Bergeman
ASCIT Secretary

The wages of sin, or something

According to a recent ACP bulletin, two students at Oregon State College recently drove out to a beach along the Willamette River and parked for a while, becoming more or less absorbed in their discussion. When they tried to leave, one of them stepped out of the car into three feet of water—the river had quietly flooded while they sat there. (Note to slow thinkers: one boy, one girl.)

There's a fellow who lives in this house named Gordon Barienbrock, and he takes trips—not short trips but giant ones like to Arizona and San Francisco. This is not strange, but he takes with him a dolly from Occidental, which is also not strange but at least unusual. The dolly doesn't mind riding with Gordon she says, except that he always acts like he is her brother, I mean I think she advocates mild incest, to hell with the platonic.

liott in recognition of their being the World's Most COMPATible Couple, congratulations.

UCLAN Brewins

Fleming enjoyed a dandy exchange last Friday night, also. All the boys went calling on a house at UCLA—I mean a girls' coop—well, you know what I mean. Both Grandpa Norman and Olde Mann Dwight Dennis managed to get enough life into their creaking bones to dodder over to the place to see what

California Tech

Editors-in-Chief—Dick Hundley and Marty Tangora
News Editor — Dick Kirk
Assistant News Editor — Al Farley

News Staff..... Barry Bass, Jim Coe, Bill Hecht, John Lango, Ed Park, Mike Peters, John Price, Mike Talcott, Jim Wilkinson
Feature Editor — Frank Kofsky

Feature Staff..... Tom Dodge, Craig Elliott, Karl Klutz, Stu Richert. Audience: John Lansingh
Sports editor — Dick Van Kirk

Sports Staff..... Brent Banta, Don Lewis, Bill Davis

Photo Staff..... Stu Bowen, Don Nierlich, Dennis Paul, Dave Groce
Business Manager — Dan Chilton
Circulation Manager — Dave Leeson

Entered as second-class matter November 22, 1947, at the Post Office in Pasadena, California, under the Act of March 3, 1879.

IBM

PRODUCER OF
ELECTRONIC DATA
PROCESSING MACHINES,
ELECTRIC TYPEWRITERS,
AND ELECTRONIC
TIME EQUIPMENT.

OFFERS
EXCEPTIONAL CAREER OPPORTUNITIES TO

Seniors
and
Graduate Students

CAMPUS INTERVIEWS

FOR MID-YEAR GRADUATES ONLY
(DATE)

If your degree or major is:

Sign interview schedule for:

Liberal Arts • Business
Accounting • Engineering
Mathematics Sales

Physics • Mathematics
Engineering Applied Science

Physics • Mechanical
Electrical Engineering

Physics Engineering
Research and
Development

CALL YOUR COLLEGE PLACEMENT OFFICE
FOR APPOINTMENT, TODAY!

If you cannot attend interviews, write for more information to Byron N. Luther
International Business Machines Corporation
590 Madison Ave., New York 22, N. Y.

Sales and Service Offices in Principal Cities
throughout the U. S.

What you should know about International Business Machines

International Business Machines Corporation is one of America's leading engineering, manufacturing and selling organizations, serving business, industry, government, science and education.

You'll be joining a company with a 42-year record of growth, stable employment, and one of the lowest employee turnover records in the country.

Your future will be as big as you make it, with advancement entirely on merit.

Excellent salary and employee benefit program with life-long advantages for you and your family.

Complete initial training in each of the employment classifications listed.

The World and Tangora

by Marty Tangora

The most outstanding feature of the physical campus of the California Institute of Technology, excluding the phenomenal density of test tubes per square foot of ground space, is the remarkably high ratio of buildings to trees, i. e. shade trees.

A eucalyptus grove in the central quadrangle of the campus has long been keeping this ratio down; it contains a great many trees which contribute significantly to the attractiveness of that part of the campus. Naturally, they occupy the site of the proposed central library building, which (according to most favored plans) will be an imposing structure of glass, steel and concrete, a good four stories high.

Having completed their plans for eliminating this grove of trees from the campus, our administration has looked for other trees to replace with buildings.

A good tree is hard to find

Unfortunately there are very few left. There are a couple of nice ones at the entrance to the Institute from California Street, strategically placed for public relations purposes. There are several more in Dabney Garden, where the Associates hold their annual tea. There are a number of nice trees around the Athenaeum, which is where the faculty people stay.

On page one of this rag you see the result of the search. The administration has been forced across the street in order to find new forests to plunder. You

Photographers to meet

There will be a meeting of all those having darkroom keys, to determine rules and policy and work out assessments, in the Big T office this Monday evening at 7:10.

Caltech Y lists lost and found

The Caltech YMCA, among its many services to Caltech students and personnel, maintains a lost-and-found department for the benefit of the whole Institute community.

The California Tech, to assist the Y in this service, is here publishing a list of major articles which are waiting in the Y office to be claimed by their owners. Some of these articles have been waiting for as long as a year and a half.

Jackets: two brown checked; two blue denim; four windbreakers; one brown denim; one blue herringbone.

One man's pink orlon sweater; one man's bright red nylon swim trunks; one pair plastic rain boots.

Five slide rules: two in brown cases, one in a black case; two cheap wooden ones; two circular.

One flashlight, a camping knife, two checkbooks, a pair of safety glasses, an anklet ("Mildred") a pipe (V.F.Q.), a boy's knit cap, a black notebook belonging to a Tau Bete, and many keys, glasses, pens, pencils, books and notebooks.

know all those nice tall evergreens along the north wall of Tournament Park? Yeah, those. Well, you just tell me in 500 words or less how we are going to put 100 cars in parking places along that wall without losing those trees.

Hell, you couldn't park 100 bicycles in there without tearing out those trees. But after all, a parking place is a parking place. I hope the people who leave their cars in TP every day will enjoy the view of California Street when they get out of their cars. Their outlook onto the raggedy weed-and-iceplant patches behind Bridge and Arms will now be unobstructed by pine trees and such nonsense.

I don't mean to criticize the Board of Trustees, who made this decision. After all Dr. DuBridge is an honorable man; they are all honorable men. Probably their action was in the best interests of Caltech, too, I guess. I'm just bemoaning the accelerating trend toward converting our little campus from a kinda nice little campus into a smear of concrete.

As I remarked a year ago in Farrago, Caltech's planners have discovered the great truth of scientific campus design: far more important than esthetic considerations are the practical problems of efficiency, low upkeep, and parking space.

Why should Caltech men appreciate the beauty of nature anyway? After all, they've had Ch 1 and Ph 1. They know that beauty is a habit pattern, that the color of other college campuses is not really due to grass and trees, but to the statistical wave length of the light reflected from complex organic cell constituents.

Who needs trees, when we have all these fine laboratories?

ASME to hold dinner meeting

Tonight at 6:30 p.m. members of the Southern California Section of the American Society of Mechanical Engineers will host student members of the Caltech and other Los Angeles Student Chapters at the Hotel Green in Pasadena for dinner and a talk following. The subject of the talk is: "Opportunities for Graduating Engineers in Industrial and Power Fields." This talk is directed toward and is of prime interest to students, and will be given by two well-qualified speakers: J. N. Landis, Vice President, and R. A. Bowman, Manager of Engineering, Bechtel Corporation.

Students, ASME members or not, who wish to hear the talk, may come to this meeting at 8:00 p.m., when dinner ends and the meeting begins. (Prior sign-up was required for dinner).

Interview Schedule

January

Thurs. 12—Sup/Ch, ChE **Mon-santo Chemical Company**, Santa Clara, California.

Thurs. 12—BS/ACh, CE, Ch, Ge, ME **California State Personnel Board**. Interviews for positions in various offices throughout California.

Thurs. 12—BS/EE, ME, Ph **Wright Engineering Company**, Pasadena.

Fri. 13—BS, MS/ME, EE; MS/Ae, ChE **Joy Manufacturing Company** Manufacturers of underground mining equipment, heavy duty construction equipment, air compressors, oxygen generators, drilling equipment, tools and production equipment, electrical connectors and switch-gears.

Fri. 13—BS, MS/ME, EE, Ph **Detroit Controls Corporation**, Redwood City, Calif.

Fri. 13—BS/Ch, ACh; MS/ChE **General Chemical Division—Allied Chemical & Dye Corporation**.

Mon. 16—BSup/EE, ME, Ma, Ph, U. S. **Navy Electronics Laboratory**, San Diego. Summer employment for Jrs., Srs., & Graduate Students in above fields.

Mon. 16—BSup/Ae, EE, ME, Ph **U. S. Navy Air Missile Test Center**, Pt. Mugu. Summer employment for Jrs., Srs., & Graduate Students in above fields.

Mon. 16, Tues. 17—BSup/ME, EE, Ae; MS, PhD/Ph **Minneapolis-Honeywell Regulator Company**. These interviews will in-

clude the Los Angeles office.

Mon. 16, Tues. 17—BS, MS, PhD/ME, EE, Ae, ChE **General Motors Corporation—All Divisions**. Including: Allison Division whose interest is the field of aerodynamics, combustion principles, etc. AC Spark Plug Division whose interest is in field of airborne automatic systems, precision instruments, gyros, analogue computers, servomechanisms, avionics, jet & turbo-prop engine fuel control systems.

Tues. 17, Wed. 18—BSup/Ae, ME, EE, Ph, ChE **Pratt & Whitney Aircraft**.

Tues. 17, Wed. 18—BS/ME, CE **Bethlehem Pacific Coast Steel Corporation**.

Wed. 18—BS, MS/ME, C7, EE **The Trane Company**, La Crosse, Wisconsin.

Wed 18—BS, MS, PhD/ME; MS, PhD/Ae **Westinghouse—Aviation Gas Turbine Division**. Positions will be in Kansas City, Missouri.

Wed. 18, Thurs. 19—BS, MS/CE, EE, ME; BS, MS, PhD/Ma **Chance Vought Aircraft, Inc.**, Dallas, Texas.

Thurs. 19—BS, MS, PhD/EE, Ae, ME, Ph, Ma **Radioplane Company**, Van Nuys. Positions will be in design, development, and analysis—Missile Engineering.

Thurs. 19—BSup/Ae, CE, EE, Ph, Ma, ME Dept. of the Navy—**Bureau of Aeronautics**, Washington, D. C.

Fri. 20—BS, MS/ME **Parker Aircraft Company**, Los Angeles.

Fri. 20—BS/EE, Ph **Electronic Engineering Company of California**, Los Angeles.

Fri. 20—BSup/EE, Ph **Sylvania Electric & Sylvania Electronic Defense Laboratory**, Mountain View, California. **January**

Mon. 23, Tues. 24, Wed. 25, Thurs. 26—PhD/Bi, Ch, ChE, EE, Geoph, ME, Ph **E. I. du Pont**. In addition to candidates for permanent employment, they will be interested in interviewing the student willing to consider summer employment in the East.

Tues. 24—BS, MS/ME; BS/EE (Power) **Ingersoll-Rand Company**.

Tues. 24—BS, MS, PhD/Ae, ME, CE, EE **Marquardt Aircraft Company**.

Wed. 25—BS, MS/ChE; Jrs/ACh for **Summer Stauffer Chemical Company**, Richmond, Calif.

Wed. 25—BS, MS/ME, EE/Ph **The Warner & Swasey Company**, Cleveland, Ohio.

Wed. 25, Thurs. 26—BS, MS, PhD/Ae, CE, EE, ME, Ph, Ma **McDonnell Aircraft Corporation**, St. Louis, Mo.

CAMPUS BARBER SHOP
In Old Dorm
Where Everyone Is Welcome
Paul A. Harmon

A frank message to graduating electronic and mechanical ENGINEERS

You know it . . . we know it . . . so let's be frank about it.

The demand for engineers—experienced or graduate—far exceeds the supply. And, from now on in, you are going to be sought after more than a triple threat halfback for next year's varsity.

You will be promised many things (including the moon with a fence/around it), and for a young man just getting started these things are pretty hard to resist.

So, again, let's be frank. We at Farnsworth won't promise you the moon. (Although we are working on some ideas that may eventually get you there and back.) We are an old, young organization. Old, in the sense of being pioneers in the field of electronics. (Our technical director, Dr. Philo Farnsworth invented electronic television.) Young, by being the newest division of the world-wide International Telephone and Telegraph Corporation, devoting our efforts exclusively to research, development and production of military and industrial electronics, and atomic energy.

All of which makes Farnsworth big enough for stability and technical perspective, yet small enough for mobility, flexibility and recognition of the individual. Here you will be associated with and encouraged by a team of eminent scientists and engineers with many "firsts" to their credit in the field of electronics. Here you will be heard . . . not just one of the herd.

We earnestly invite you to hear the whole fascinating Farnsworth story. We're pretty certain it will make the decision for your future easier.

ON CAMPUS INTERVIEWS:

FEBRUARY 3

MISSILES • RADAR • ANTENNAS • MICROWAVES • INFRARED • SOLID STATE • TEST EQUIPMENT • INDUSTRIAL T. V.



FARNSWORTH ELECTRONICS CO., FORT WAYNE, INDIANA

Caltech Pharmacy

PRESCRIPTIONS

Dependable Registered Pharmacists

FOUNTAIN
BREAKFAST, LUNCH, DINNER

882 East California Street
Sycamore 2-2101
Pasadena 1, California

Your Nearest Laundry

SUDS-KISSED

Authorized Westinghouse
Laundromat

Near corner of Lake and California

Dry Cleaning—Finished Laundry

Free Parking—S&H Green Stamps

24-Hour Laundry Drop

922 E. California St. SY. 2-2300

(Point) Shy men bow to Chapman

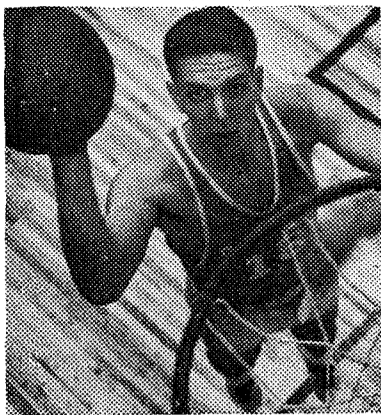
Chapman's Panthers took an early lead and coasted to a 59-36 victory Tuesday in Scott Brown Gymnasium.

The outcome of the game was never in doubt as Chapman moved to an early 10-2 lead and led at the half, 27-17. Another spurt midway in the second half gave the men from Orange a comfortable 20-point lead, which they held for the remainder of the game.

Sophomore guard Sonny Nelson reinjured his leg in the first three minutes and had to leave the game. It is not certain whether he will start in tomorrow night's Occidental game. He had just returned to the lineup, his leg having kept him out of the first games.

Rolland Moody's seven points were the most a Caltech starter could muster. Phil Conley, the Beavers' high-scoring center, was held to two points. The only other Techman above four points was Howie Bloomberg with six. Tech's total of 15 field goals represented an average of less than one every two minutes.

Chapman was in complete control all the way, outshooting, outrebounding and generally outplaying the Beavers. Forward Dave Smith and center Bob Hamblin led the scoring with 14 and 12 points respectively. Hamblin did an especially cred-



Dan Chilton

Among the four returning lettermen on Coach Carl Shy's varsity basketball team is Dan Chilton, senior forward. Now playing in his third year of varsity ball, Dan stands 6'2" and weighs in at 185 pounds.

Chilton, who came to Tech from the thriving metropolis of Hockessin, Delaware, also spends his afternoons in the springtime playing on Ed Preisler's varsity baseball team.

A mechanical engineering major, Dan is undecided about plans for post-graduate work, though he leans toward Columbia University at the present.

During his spare time Dan serves as business manager of the California Tech.

Beavers ready for rival Occidental tomorrow nite

Tech's basketball forces are expected to realize their potential tomorrow night in a tough game with the hated Occidental Tigers in Scott Brown Gymnasium at 8:15 p.m.

Strengthened since Christmas by the addition of two outstanding guards, Rolland Moody and Sonny Nelson, the Beavers have finished an experimental period and are ready to field a solid team. Moody, scholastically ineligible last term, has brought back his scoring ability and team leadership. Nelson has recovered from the leg injury which plagued him all fall and may prove to be the best guard in the conference, although only a sophomore.

Frosh edge Poly in 37-34 thriller

A thrilling final two minutes of play last Saturday night gave the Tech Frosh a 37-34 victory over the Cal Poly J.V.'s. The Beavers came a long way from their performance against Redlands and showed good ball control during most of the game. Outstanding features of both halves were the deadly long shots by Poly and the deft breaking up of plays by the Tech guards.

With two minutes to go, Ingram tied the score for Tech with two free throws, and seconds later, Meese put it on ice.

The second highest scorer in the conference last year is back at center in the person of Phil Conley, who averaged 19.6 points per game. Conley has lettered twice and was voted to the All-Conference second team last year.

Competition for the forward slots has been rugged, and Howie Bloomberg, Dan Chilton, Glenn "Hooks" Converse and Dick Van Kirk all have a chance for the nod. Both Bloomberg and Chilton are returning lettermen, but they have been pushed hard by Converse and Van Kirk, both up from last year's strong freshman team.

Occidental's forces are led by All-Conference Ted Tiffany, the league's leading scorer. Starting at center is Dick Sovde, 6'7", from last year's All-Conference second team and always a potent rebound threat.

Broncos edge Tech, 49-47

Caltech's varsity hoopsters dropped their fourth game of the season in a 49-47 thriller which saw the Cal Poly (SD) Broncos pull ahead in the final minutes Saturday in the Caltech gymnasium.

Coach Carl Shy's Beavers, pressing hard in their first home game of the year, seemed in command of the game throughout the first half, but the Broncos, hitting well from the floor, kept within striking distance, and put on a late surge to tie the game at halftime, 25-25.

In the second half Cal Poly took almost complete command of the backboards and moved two points ahead early in the period. Tech scrambled to get back into the lead and finally pulled into a 39-39 tie on a driving lay-in by forward Dick Van Kirk. The Broncos moved ahead again on long shots by guards Ernest Gee and Tom Peltzer, and when Tech went into a pressing defense in an effort to regain possession the Beavers fouled repeatedly to enable Cal Poly to maintain their margin by hitting from the free-throw line. The game ended with the Broncos putting on an effective stall.

Phil Conley and Sonny Nelson tied for high point honors for the Beavers with 15 points apiece, followed by Rolland Moody with seven. Al Boyd and Bob Arais hit nine points each for Cal Poly.



Buy
CHESTERFIELD
Today!

Largest selling cigarette
in America's colleges



You'll SMILE your approval

of Chesterfield's smoothness—
mildness—refreshing taste.

You'll SMILE your approval

of Chesterfield's quality—
highest quality—low nicotine.

IN THE WHOLE
WIDE WORLD—

NO CIGARETTE **SATISFIES** LIKE CHESTERFIELD

© LIGGETT & MYERS TOBACCO CO.

We Highly Recommend

**CARL'S
CALTECH
BARBERS**

Friendly Personalized
Service

California Near Lake

The Sports Corner

by Dick Van Kirk

The Sports Corner humbly apologizes to the ever-vigilant Phil Conley, ASCIT prexy, who called our attention to two errors in the names of players mentioned in last week's column. According to Phil, it should really be Dan Stevenson and Joe Wohlmut who are to be considered for all-conference mention. He also tells me that Stan Hubert of Whittier and Pete Carlson of Pomona-Clearmont are among the better players in the league, his proof resting in the fact that both were named to second team all-conference berths last season.

* * *

Crusade Dept. . . . It seems to me that sportswriters who cover conference games are laboring under some sort of misapprehension about how our conference should be referred to when mentioned in print. We seem to enjoy the unique distinction of being the only conference to get the initial of every word in our conference title printed every time it is mentioned. This seems to me to be a waste not only of time and space, but also of sportswriters' energy, a thing which usually is about as scarce as green teeth on baby roosters. I have never seen the Border Conference referred to as the BIAC, nor have I seen the Skyline conference written as the Mountain States Athletic Conference very often. Therefore I propose (said he) that it should be called the SCC instead of the SCIAAC. Just think of all that extra ink!

* * *

Coach Carl Shy's varsity hoopsters showed themselves to be a hustling bunch of players in Saturday night's home opener, but there was a glaring weakness in the Beavers' game. The Tech players just couldn't seem to cope with the taller Cal Poly men under the boards on rebounds. It seemed as if Tech got only one shot each time they brought the ball down the court, and then the Broncos would clear the boards and begin an attack of their own. A little bit of rebounding will sure come in handy tomorrow night against the Oxy Tigers, and Westmont has a few big boys who can handle themselves under the boards also.

* * *

After watching the Freshman basketball team go through its paces in the first two games of the season I can truly say that I am indeed disappointed with the way they have performed. Throughout the fall term I heard tales of how this year's Frosh were loaded with high-school stars and how they were going to outdo last year's frosh team, which posted a "mediocre" 9-6 record. I watched them in their early practices and at times it did appear as if they were going places this year. But in their games they have displayed an almost unanimous lack of hustle and desire to win. I certainly hope that something happens to make them want to win, for with a little hustle they really could turn out to be something, after all, instead of just another nothing.

* * *

Orchids dept. . . . This week's orchids go to Sonny Nelson and Fred Newman, guards on the varsity and Frosh basketball teams, respectively, for their outstanding play in last week's games.

U. S. AID TO GUATEMALA (Continued from page 1)

a relatively large number for Guatemala. In that same year control of the government fell into their hands, and they began a severe agrarian reform coupled with a dismissal of Guatemala's supreme court.

In Dr. Silvert's own words, "1953 began the beginning of the end for the Communists when a revolt directed from outside Guatemala was attempted." Although the insurrection failed, it was an indication of things to

come. One year later, the rebels were successful in ousting the Communists and placing Castillo Armas, a middle-of-the-road liberal, in the Presidency.

It was pointed out by Dr. Silvert that Central American university students are in general much more politically active than their brethren to the north. One reason for their interest stems from the fact that while all males and all literate females over eighteen are franchised, only seventeen percent of the population is literate.

FOR A
HOME OF YOUR OWN
PLEASE CALL
NELSON AHRNS
AT
The William Wilson Co.
"Since 1887"
40 N. Garfield, Pasadena
SY 3-8111 RY 1-6961
Realtors

LINDE

MOLECULAR SIEVES
FLAME-PLATING
SILICONES
LIQUID ARGON
JET-PIERCING
HELIARC-CUTTING
STAR SAPPHIRES

These are just **SOME** of our products and processes!

●

Take a few minutes to find out about the career we might have for you in:

RESEARCH - DESIGN - DEVELOPMENT
GAS PLANT OPERATION - MANUFACTURING
SILICONES PRODUCTION
SALES and ENGINEERING SERVICE

●

CAMPUS INTERVIEWS JAN. 23, 1956

LINDE AIR PRODUCTS COMPANY
a Division of
UNION CARBIDE and CARBON CORPORATION

YOU'LL BOTH GO FOR THIS CIGARETTE!

Flavor above all—that's WINSTON

WINSTON TASTES GOOD!

LIKE A CIGARETTE SHOULD!

■ When it comes to real tobacco flavor, college smokers are going for Winston! This good-tasting, easy-drawing filter cigarette not only brings you finer flavor — but also a finer filter. The exclusive Winston filter works so effectively that the flavor comes right through. Join the big switch to Winston!

Smoke
WINSTON
the *easy-drawing*
filter cigarette!

R. J. REYNOLDS TOBACCO CO., WINSTON-SALEM, N. C.

audience

theatre

JENNY KISSED ME

Rudy Vallee, a man of 55, romps through the role of a 70-year-old priest with the enthusiasm of a youngster to make "Jenny Kissed Me" an enjoyable show. Originally produced on Broadway in 1948, "Jenny Kissed Me," written by Jean Kerr, is currently being presented at the Pasadena Playhouse.

Whatever else may be said about the play, it is funny. Vallee plays an old pastor, Father Moynihan, who is as up-to-date as the Sphinx, as polite as an aborigine and has a personality that rumbles along like a Jugernaut.

Mrs. Deazy (pronounced Daisy), the priest's housekeeper, and Michael, a young educator whose greatest diversion seems to be playing chess, live in the rectory with Father Moynihan.

Jenny, Mrs. Deazy's 18-year-old niece, moves into this austere atmosphere with her proudest possessions—a bowl of guppies, a set of the Book of Knowledge and a passion for sweet potato plants. The pastor envisions his peaceful residence being disrupted by what he views as an "annoying teenager." He hastily convinces her that she should apply makeup and lower her neckline a little and sets about getting her married.

His first target is an egotistical bum with an over active libido. This match fizzles and eventually Jenny marries a more stable individual, but the audience doesn't particularly care who the girl marries, or if the priest ever gets her out of the house. However the play never pretends to be anything but humorous, and that it is.

The program says that Britt Lomond (Michael) has played a number of swashbuckling movie roles. Unfortunately he does not wear his sword in this play; indeed he acts as though he feels naked without it.

Sally Fraser, as Jenny, improves as the play proceeds. As Jenny's interests evolve from guppies to men (as she so aptly puts it: "There are other things in life besides books."), Miss Fraser warms to the part. She is attractive; by the time Jenny says, "I am not a child, but a woman," everyone but the blind is aware of the fact.

Leonard Shoemaker is effective in his role as the fast boy friend, as is Maudie Prickett as Mrs. Deazy. Some of the minor supporting characters, flaying like windmills, tend to act a little too much like actors.

The play is directed by Jack Lynn and the one set of the play is designated by Marvyn Harbet.

Just for the laughs, the play is worth seeing.

Curtain time is 8:30 each evening. Tickets are priced from \$1.20 to \$2.40 for the weekend performances and should be purchased at least two days in advance.—R.K.

music

BOSTON POPS

One of the major events in Elmer Wilson's concert series here in Pasadena this season will be the appearance of Arthur Fiedler with the Boston Pops tour orchestra late this month. This will mark the first time that the orchestra has played on the West Coast.

The Pasadena concert will be held in the Civic Auditorium on Tuesday, January 31, at 8:20 p.m. Ruth Slenczynska will be the piano soloist and the program will include: Polonaise from "Eugen Onegin" by Tschai-kovsky, the overture to "The Barber of Seville" by Rossini, "Fantasia on Greensleeves" by Vaughn-Williams, the suite from Offenbach's "Gaité Parisienne," the "Rhapsody on a Theme of Paganini" by Rachmaninoff featuring Miss Slenczynska, "Capriccio Espagnol" by Rimsky-Korsakov, "Popsorama," a medley of such favorites as "Mister Sandman," "Three Coins in the Fountain," and "Tweedle-Dee" arranged by Mason, "On the Trail" from the "Grand Canyon Suite" by Grofe and the "Look Sharp—Be Sharp" march by

Merrick-Bennett.

Mr. Fiedler has just celebrated his 25th anniversary as conductor of the "Pops" and his recording of "Gaité Parisienne" (RCA Victor LM 1817) has been the top selling classical record for over a year. "Fiedler himself is the perfect example of a conductor who combines his serious musical talent with the spark that has endeared him to the hearts of Boston audiences. An habitual fire chaser, he is a member of the Boston Fire Department as well as the Police Department; his automobile is equipped not only with short wave but a siren, and he is an honorary fire chief in over 20 cities.

—A.F.

movies

THE MAN WITH THE GOLDEN ARM (Eleanor Parker, Frank Sinatra, Kim Novak). It is quite a problem for a movie maker to bring to the screen social problems without indulging in the too-easy pastime of moralizing. Fortunately, "The Man With the Golden Arm" manages to avoid this obvious pitfall during most of its tenure on the screen. Occasionally, however, Frankie Machine, the somewhat debauched hero of "Golden Arm," sticks in a rather obvious platitude, probably as a conciliatory gesture to the PTA, etc. As you have doubtless heard,

Frank Sinatra plays the part of Frankie Machine, an ex-narcotics addict and card dealer, who has just been released from a sanitarium, ostensibly cured of the habit.

During his treatment, as part of his therapy, Machine learns jazz drumming, and he has hopes of chucking his former life in favor of one as a dance band drummer. What seems to be the biggest obstacles in his path are a wife, "Zosh," (Eleanor Parker) who makes Lady Macbeth look affectionate, and the neighborhood dope peddler who hates to see a good customer get away.

Zosh is pretending to be crippled as the result of an auto accident, to hold onto Machine, who would leave her flat for the un-brassiered Kim Novak who lives downstairs. Eventually, the combination of circumsances gets poor Frankie taking dope and dealing again, and he blows his one audition with a name band. Incidentally, the picture serves to introduce one Milton Rogers, who has already been mentioned for the Academy Award as the result of his fine portrayal of the band leader.

With one or two exceptions, "Golden Arm" moves at a breathless pace that keeps the viewer intent; a very worthwhile picture. F.K.

the First Beer Bust

OR

Why Plymouth Rocked
and Rolled

Once upon a time there was a group of cats who really went far out on a one way excursion canoe called the Mayflower. Now they were a mighty cool combo, but they had to go on tour because a square from Goonville who billed himself as King James I gave them the heel and they had to cut out on merry old England.

Anyway, they finally got a booking on the New World circuit in a spot called Virginia, named in honor of Elizabeth I for some reason or other.

This particular day some of the boys were cooling it on deck, quaffing a few tankards of brew when it was John Alden's turn to go for refills.

When he got below none other than a screen-tester named Priscilla Mullins was running the spigot.

"Make with the suds for Myles Standish," says John.

"I'll clue you, Dad," says Priscilla. "There's exactly one tankard left. Speak for yourself, John."

They split the tankard and John returned topside.

"Sires, I wish to report the beer is gone."

"Nutty, man!" they replied. "That beer is real gone. Give us another chorus on it!"

"But, you don't dig me, Sires" said J. A., "the barrels are empty. This bit is over!"

"WHAT?" shouted the elders. "OUR BEER IS BUST!! Turn this raft around and make it to Plymouth Rock. We're cuttin' out on this date as of now!"

And that's the story of how the Pilgrims landed at Plymouth Rock instead of Virginia. And if you don't believe it you can take it up with our agent.

MORAL: You're missing the boat if you haven't tried the greatest. Next time you order beer, speak for yourself and specify Budweiser. Man, it's the most!

Budweiser

LAGER BEER

ANHEUSER-BUSCH, INC. • ST. LOUIS • NEWARK • LOS ANGELES

